



Build An Estimate

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DATE :	Sample
PROJECT :	Sample
ESTIMATE :	MECHANICAL ESTIMATE
ADDRESS :	Sample
REV. :	0

Project Summary	
Sub-Total:	\$ 1,449,033
Sales Tax(7.5%):	\$ 108,677
Overhead & Profit(15%):	\$ 217,355
Insurances(2.5%):	\$ 36,226
<b>Final Bid Cost:</b>	<b>\$ 1,811,291</b>

The drawings are scaled as per the mentioned scale on the provided drawings.  
All above mentioned items shall be furnished and installed by the contractor, Unless noted otherwise.  
Price is only good for 90 days of submittal.

LABOR RATE \$ 65.00



SR. NO.	DESCRIPTION	QUANTITY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	UNIT MATERIAL COST	UNIT LABOR COST	TOTAL LABOR HOURS	TOTAL MATERIAL COST	TOTAL LABOR COST	UNIT ITEM COST	TOTAL ITEM COST
<b>NEW WORK</b>													
<b>DUCT WORK</b>													
Sheet Metal Duct													
1	4" Dia Outside Air Duct	536	10%	590	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
2	6" Dia Outside Air Duct	272	10%	299	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
3	8" Dia Outside Air Duct	52	10%	57	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
4	8" Dia Outside Air Duct (Line)	56	10%	62	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
5	10" Dia Outside Air Duct	47	10%	52	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
6	12" Dia Outside Air Duct	64	10%	70	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
7	16"x14" Outside Air Duct	67	10%	74	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
8	12" Dia Return Air Duct	13	10%	14	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
9	12"x12" Return Air Duct	52	10%	57	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
10	16" Dia Return Air Duct	10	10%	11	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
11	18"x18" Return Air Duct	20	10%	22	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
12	20"x20" Return Air Duct	146	10%	160	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
13	20"x14" Return Air Duct	9	10%	10	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
14	20"x20" Return Air Duct	15	10%	17	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
15	34"x14" Return Air Duct	36	10%	40	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
16	8" Dia Supply Air Duct	48	10%	52	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
17	8" Dia Supply Air Duct	1415	10%	1557	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
18	10" Dia Supply Air Duct	825	10%	908	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
19	12" Dia Supply Air Duct	749	10%	824	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
20	14" Dia Supply Air Duct	199	10%	219	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
21	16" Dia Supply Air Duct	41	10%	45	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
22	10"x10" Supply Air Duct	25	10%	28	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
23	12"x10" Supply Air Duct	53	10%	59	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
24	12"x12" Supply Air Duct	12	10%	13	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
25	14"x12" Supply Air Duct	35	10%	38	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
26	14"x14" Supply Air Duct	27	10%	30	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
27	18"x12" Supply Air Duct	35	10%	38	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
28	18"x14" Supply Air Duct	81	10%	89	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
29	28"x12" Supply Air Duct	16	10%	18	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
30	28"x16" Supply Air Duct	79	10%	87	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
31	36"x14" Supply Air Duct	10	10%	12	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
32	4" Dia Exhaust Air Duct	9178	10%	10096	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
33	8" Dia Exhaust Air Duct	51	10%	56	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
34	8" Dia Exhaust Air Duct	53	10%	59	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
35	12"x12" Exhaust Air Duct	6	10%	7	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
36	20"x20" Exhaust Air Duct	12	10%	14	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
37	20"x20" Exhaust Air Duct	82	10%	90	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
38	24"x14" Exhaust Air Duct	2	10%	2	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
39	50"x50" Exhaust Air Duct	50	10%	55	FT	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
<b>FLEXIBLE DUCT</b>													
1	6" Dia Flexible Air Duct	5	10%	6	FT	0.085	\$ 3.65	\$ 5.53	0.5	\$ 20	\$ 30	\$ 9	\$ 50
2	8" Dia Flexible Air Duct	8	10%	9	FT	0.100	\$ 5.94	\$ 6.50	0.9	\$ 54	\$ 59	\$ 12	\$ 112
3	10" Dia Flexible Air Duct	6	10%	7	FT	0.120	\$ 8.20	\$ 7.80	0.8	\$ 57	\$ 55	\$ 16	\$ 112
<b>AIR DEVICES</b>													
1	EL 10"x10" 500 CFM, Mfg&Model: Titus, 350RL, Air Exhaust, Type Grille/Material Alum, CONTRACTOR IS RESPONSIBLE	1	0%	1	EA	0.750	\$ 167.00	\$ 48.75	0.8	\$ 167	\$ 99	\$ 216	\$ 216
2	EL 12"x12" 500 CFM, Mfg&Model: Titus, 350RL, Air Exhaust, Type Grille/Material Alum, CONTRACTOR IS RESPONSIBLE	1	0%	1	EA	3.000	\$ 695.00	\$ 195.00	3.0	\$ 695	\$ 195	\$ 890	\$ 890
3	EL 6"x6", 50 CFM, Mfg&Model: Titus, 350RL, Air Exhaust, Type Grille/Material Alum, CONTRACTOR IS RESPONSIBLE	1	0%	1	EA	0.520	\$ 118.00	\$ 33.80	0.5	\$ 118	\$ 34	\$ 152	\$ 152
4	EL 4" Dia, 55 CFM Mfg&Model: AmericanAides, CER3R, Air Exhaust, Round Grille/Material Steel, CONTRACTOR IS RESPONSIBLE	5	0%	5	EA	0.500	\$ 112.00	\$ 32.50	2.5	\$ 560	\$ 163	\$ 723	\$ 723
5	RL 12"x12" 300 CFM, Mfg&Model: Titus, 350RL, Air Return, Type Grille/Material Steel, CONTRACTOR IS RESPONSIBLE	4	0%	4	EA	1.800	\$ 980.00	\$ 288.00	4.0	\$ 720	\$ 380	\$ 1,100	\$ 1,100
6	RL 18"x18", Mfg&Model: Titus, 350RL, Air Return, Type Grille/Material Steel, CONTRACTOR IS RESPONSIBLE	1	0%	1	EA	1.700	\$ 360.00	\$ 118.00	5.0	\$ 185	\$ 111	\$ 496	\$ 496
7	RL 20"x14", 1000 CFM, Mfg&Model: Titus, 350RL, Air Return, Type Grille/Material Steel, CONTRACTOR IS RESPONSIBLE	1	0%	1	EA	5.000	\$ 1,385.00	\$ 328.00	5.0	\$ 1,385	\$ 328	\$ 1,550	\$ 1,550
8	RL 20"x20", 1000 CFM, Mfg&Model: Titus, 350RL, Air Return, Type Grille/Material Steel, CONTRACTOR IS RESPONSIBLE	2	0%	2	EA	5.500	\$ 1,295.00	\$ 357.50	11.0	\$ 1,295	\$ 715	\$ 1,653	\$ 1,653
9	RL 20"x20", 1200 CFM, Mfg&Model: Titus, 350RL, Air Return, Type Grille/Material Steel, CONTRACTOR IS RESPONSIBLE	1	0%	1	EA	6.400	\$ 1,460.00	\$ 416.00	6.4	\$ 1,460	\$ 416	\$ 1,876	\$ 1,876
10	RL 20"x24", Mfg&Model: Titus, 350RL, Air Return, Type Grille/Material Steel, CONTRACTOR IS RESPONSIBLE	1	0%	1	EA	1.700	\$ 360.00	\$ 118.00	5.0	\$ 185	\$ 111	\$ 495	\$ 495
11	RL 8"x8", Mfg&Model: Titus, 350RL, Air Return, Type Grille/Material Steel, CONTRACTOR IS RESPONSIBLE	1	0%	1	EA	0.600	\$ 125.00	\$ 39.00	0.6	\$ 125	\$ 39	\$ 164	\$ 164
12	RL 24"x12", Mfg&Model: Titus, 50F, Air Return, Type Grille/Material Steel, CONTRACTOR IS RESPONSIBLE	3	0%	3	EA	1.500	\$ 338.00	\$ 97.50	4.5	\$ 978	\$ 293	\$ 424	\$ 1,271
13	RL 14"x8", Mfg&Model: Shoemaker, 1050, Air Return Type Grille/Material Steel, CONTRACTOR IS RESPONSIBLE	424	0%	424	EA	0.780	\$ 178.00	\$ 51.35	335.0	\$ 75,472	\$ 21,712	\$ 229	\$ 97,244
14	RL 30"x8", Mfg&Model: Shoemaker, 1050, Air Return Type Grille/Material Steel, CONTRACTOR IS RESPONSIBLE	30	0%	30	EA	1.800	\$ 394.00	\$ 117.00	54.0	\$ 11,800	\$ 3,510	\$ 511	\$ 15,330
15	SL 10"x6", 80 CFM, Mfg&Model: Titus, 300RL, Air Supply, Type Register, Material Steel, CONTRACTOR IS RESPONSIBLE	1	0%	1	EA	0.740	\$ 167.00	\$ 48.10	0.7	\$ 167	\$ 48	\$ 215	\$ 215
16	SL 12"x10", 500 CFM, Mfg&Model: Titus, 300RL, Air Supply, Type Register, Material Steel, CONTRACTOR IS RESPONSIBLE	4	0%	4	EA	2.700	\$ 625.00	\$ 175.50	10.8	\$ 2,500	\$ 703	\$ 803	\$ 3,303
17	SL 12"x10", 600 CFM, Mfg&Model: Titus, 300RL, Air Supply, Type Register, Material Steel, CONTRACTOR IS RESPONSIBLE	2	0%	2	EA	3.200	\$ 734.00	\$ 208.00	6.4	\$ 1,468	\$ 416	\$ 942	\$ 1,814
18	SL 12"x6", 175 CFM, Mfg&Model: Titus, 300RL, Air Supply, Type Register, Material Steel, CONTRACTOR IS RESPONSIBLE	4	0%	4	EA	1.000	\$ 224.00	\$ 65.00	4.0	\$ 896	\$ 260	\$ 297	\$ 1,158
19	SL 12"x6", 180 CFM, Mfg&Model: Titus, 300RL, Air Supply, Type Register, Material Steel, CONTRACTOR IS RESPONSIBLE	4	0%	4	EA	1.000	\$ 232.00	\$ 65.00	4.0	\$ 928	\$ 260	\$ 297	\$ 1,186
20	SL 12"x6", 200 CFM, Mfg&Model: Titus, 300RL, Air Supply, Type Register, Material Steel, CONTRACTOR IS RESPONSIBLE	8	0%	8	EA	1.200	\$ 254.00	\$ 78.00	9.6	\$ 2,032	\$ 624	\$ 332	\$ 2,666
21	SL 14"x6", 150 CFM, Mfg&Model: Titus, 300RL, Air Supply, Type Register, Material Steel, CONTRACTOR IS RESPONSIBLE	2	0%	2	EA	8.000	\$ 1,800.00	\$ 520.00	16.0	\$ 3,720	\$ 1,040	\$ 2,380	\$ 4,750
22	SL 6"x6", 150 CFM, Mfg&Model: Titus, 300RL, Air Supply, Type Register, Material Steel, CONTRACTOR IS RESPONSIBLE	10	0%	10	EA	0.600	\$ 132.00	\$ 39.00	6.0	\$ 660	\$ 195	\$ 271	\$ 1,171
23	SL 10" Dia, 48", 400 CFM, Mfg&Model: Titus, M39, Air Supply, Type slot Diffuser/Material Alum CONTRA	2	0%	2	EA	2.800	\$ 646.00	\$ 182.00	5.6	\$ 1,292	\$ 364	\$ 828	\$ 1,653
24	SL 10" Dia, 48", 420 CFM, Mfg&Model: Titus, M39, Air Supply, Type slot Diffuser/Material Alum CONTRA	1	0%	1	EA	3.000	\$ 668.00	\$ 195.00	3.0	\$ 668	\$ 195	\$ 863	\$ 863
25	SL 8" Dia, 48", 150 CFM, Mfg&Model: Titus, M39, Air Supply, Type slot Diffuser/Material Alum CONTRA	2	0%	2	EA	0.920	\$ 208.00	\$ 59.80	1.8	\$ 416	\$ 120	\$ 288	\$ 536
26	SL 10"x3", 75 CFM, Mfg&Model: Titus, US300RL, Air Supply, Type Register/Material Steel, CONTRACTOR IS RESPONSIBLE	1	0%	1	EA	0.650	\$ 146.00	\$ 42.25	0.7	\$ 146	\$ 42	\$ 188	\$ 188
27	SL 18"x3", 160 CFM, Mfg&Model: Titus, US300RL, Air Supply, Type Register/Material Steel, CONTRACTOR IS RESPONSIBLE	2	0%	2	EA	1.000	\$ 220.00	\$ 65.00	3.0	\$ 660	\$ 195	\$ 265	\$ 830
28	SL 24"x6", 400 CFM, Mfg&Model: Titus, US300RL, Air Supply, Type Register/Material Steel, CONTRACTOR IS RESPONSIBLE	1	0%	1	EA	1.200	\$ 568.00	\$ 162.50	5.0	\$ 568	\$ 162	\$ 731	\$ 1,461
29	SA, 6" Dia, 100 CFM, Mfg&Model: Titus, TMS, Air Supply, Type Diffuser/Material Steel, CONTRACTOR IS RESPONSIBLE	1	0%	1	EA	0.640	\$ 145.00	\$ 43.60	0.6	\$ 145	\$ 42	\$ 187	\$ 187
30	SA, 8" Dia, 200 CFM, Mfg&Model: Titus, TMS, Air Supply, Type Diffuser/Material Steel, CONTRACTOR IS RESPONSIBLE	2	0%	2	EA	1.300	\$ 294.00	\$ 84.50	2.6	\$ 588	\$ 169	\$ 379	\$ 757
31	SL 12"x6", 100 CFM, Mfg&Model: Shoemaker, USR34, Air Supply, Type Register/Material Alum, CONTRA	175	0%	175	EA	0.820	\$ 186.00	\$ 53.30	143.5	\$ 32,550	\$ 9,328	\$ 239	\$ 41,878
32	SL 12"x6", 150 CFM, Mfg&Model: Shoemaker, USR34, Air Supply, Type Register/Material Alum, CONTRA	118	0%	118	EA	1.000	\$ 238.00	\$ 65.00	118.0	\$ 28,084	\$ 7,670	\$ 303	\$ 35,754
33	SL 12"x6", 175 CFM, Mfg&Model: Shoemaker, USR34, Air Supply, Type Register/Material Alum, CONTRA	10	0%	10	EA	1.200	\$ 265.00	\$ 78.00	12.0	\$ 2,650	\$ 780	\$ 343	\$ 3,430
34	SL 12"x6", 200 CFM, Mfg&Model: Shoemaker, USR34, Air Supply, Type Register/Material Alum, CONTRA	33	0%	33	EA	1.400	\$ 312.00	\$ 93.00	46.2	\$ 10,296	\$ 3,003	\$ 403	\$ 13,299
35	SL 12"x6", 225 CFM, Mfg&Model: Shoemaker, USR34, Air Supply, Type Register/Material Alum, CONTRA	30	0%	30	EA	1.500	\$ 348.00	\$ 97.50	45.0	\$ 10,440	\$ 2,925	\$ 446	\$ 13,865
36	SL 12"x6", 50 CFM, Mfg&Model: Shoemaker, USR34, Air Supply, Type Register/Material Alum, CONTRA	5	0%	5	EA	0.600	\$ 136.00	\$ 39.00	3.0	\$ 680	\$ 195	\$ 175	\$ 875
37	SL 14"x6", 150 CFM, Mfg&Model: Shoemaker, USR34, Air Supply, Type Register/Material Alum, CONTRA	20	0%	20	EA	1.300	\$ 294.00	\$ 84.50	26.0	\$ 5,880	\$ 1,690	\$ 379	\$ 7,570
38	SL 14"x6", 300 CFM, Mfg&Model: Shoemaker, USR34, Air Supply, Type Register/Material Alum, CONTRA	10	0%	10	EA	1.900	\$ 426.00	\$ 123.50	19.0	\$ 4,260	\$ 1,235	\$ 550	\$ 5,490
<b>DAMPER</b>													
1	4" Dia Volume Damper	1	0%	1	EA	0.420	\$ 94.00	\$ 27.30	0.4	\$ 94	\$ 27	\$ 121	\$ 121
2	6" Dia Volume Damper	5	0%	5	EA	0.500	\$ 112.00	\$ 32.50	2.5	\$ 560	\$ 163	\$ 723	\$ 723
3	8" Dia Volume Damper	5	0%	5	EA	0.600	\$ 136.00	\$ 39.00	3.0	\$ 680	\$ 195	\$ 265	\$ 830
4	8" Fire Smoke Damper	1	0%	1	EA	0.620	\$ 140.00	\$ 40.30	0.6	\$ 140	\$ 40	\$ 180	\$ 180
5	10" Dia Volume Damper	1	0%	1	EA	0.750	\$ 167.00	\$ 48.75	0.8	\$ 167	\$ 49	\$ 216	\$ 216
6	12"x10" Fire/Smoke Damper	6	0%	6	EA	0.86							

6	EF-6, Mfg&Model: Greenheck, AER-E42, CFM 19500, SHP, Control CO/NO2, 208V, Phase 3, MOCP 35, Provide	1	0%	1	EA	92,000	\$	20,550.00	\$	5,980.00	92.0	\$	20,550	\$	5,980	\$	26,530	\$	26,530
7	EF-8, Mfg&Model: Panasonic, PV-0510V51, CFM 70, 12W, Control Light, 120V, Phase 1, MOCP 20, Provide	1	0%	1	EA	0.730	\$	164.00	\$	47.45	0.7	\$	164	\$	47	\$	211	\$	211
8	EF-9, Mfg&Model: Panasonic, PV-0510V51, CFM 70, 12W, Control Light, 120V, Phase 1, MOCP 20, Provide	1	0%	1	EA	0.730	\$	164.00	\$	47.45	0.7	\$	164	\$	47	\$	211	\$	211
9	EF-10, Mfg&Model: Panasonic, PV-0510V51, CFM 50, 12W, Control Continuous, 120V, Phase 1, MOCP 20	1	0%	1	EA	0.600	\$	140.00	\$	39.00	0.6	\$	140	\$	39	\$	179	\$	179
10	EF-11, Mfg&Model: Greenheck, SP-A250, CFM 250, 156W, Control Light, 120V, Phase 1, MOCP 20, Provide	1	0%	1	EA	2.000	\$	435.00	\$	130.00	2.0	\$	435	\$	130	\$	565	\$	565
11	EF-12, Mfg&Model: Greenheck, USF-06, CFM 275, 1/4HP, Control Continuous, 120V, Phase 1, MOCP 15, P	1	0%	1	EA	2.000	\$	466.00	\$	130.00	2.0	\$	466	\$	130	\$	596	\$	596
12	EF-13, Mfg&Model: Greenheck, CU-E95-VG, CFM 600, 1/4HP, Control Continuous, 120V, Phase 1, MOCP 2	1	0%	1	EA	3.700	\$	834.00	\$	240.50	3.7	\$	834	\$	241	\$	1,075	\$	1,075
13	EF-T, Mfg&Model: Panasonic, PV-0810V51, CFM 30/80, 8.5W, Control Continuous, 120V, Phase 1, MOCP	176	0%	176	EA	0.420	\$	94.00	\$	27.30	73.9	\$	16,544	\$	4,805	\$	121	\$	21,349
<b>ELECTRIC HEATER</b>																			
7	EH-1.1, Mfg&Model: Biko, FRA-4024F, 100 CFM, 208V, Phase 1, Control Integral thermostat, Mount: Wal	1	0%	1	EA	3.600	\$	800.00	\$	234.00	3.6	\$	800	\$	234	\$	1,034	\$	1,034
8	EH-1.2, Mfg&Model: Biko, FRA-4024F, 100 CFM, 208V, Phase 1, Control Integral thermostat, Mount: Wal	1	0%	1	EA	3.600	\$	800.00	\$	234.00	3.6	\$	800	\$	234	\$	1,034	\$	1,034
9	EH-1.3, Mfg&Model: Biko, FRA-4024F, 100 CFM, 208V, Phase 1, Control Integral thermostat, Mount: Wal	1	0%	1	EA	3.600	\$	800.00	\$	234.00	3.6	\$	800	\$	234	\$	1,034	\$	1,034
10	EH-1.5, Mfg&Model: Biko, FRA-4024F, 100 CFM, 208V, Phase 1, Control Integral thermostat, Mount: Wal	1	0%	1	EA	3.600	\$	800.00	\$	234.00	3.6	\$	800	\$	234	\$	1,034	\$	1,034
11	EH-1.7, Mfg&Model: Biko, FRA-4024F, 100 CFM, 208V, Phase 1, Control Integral thermostat, Mount: Wal	1	0%	1	EA	3.600	\$	800.00	\$	234.00	3.6	\$	800	\$	234	\$	1,034	\$	1,034
12	EH-1.8, Mfg&Model: Biko, FRA-4024F, 100 CFM, 208V, Phase 1, Control Integral thermostat, Mount: Wal	1	0%	1	EA	3.600	\$	800.00	\$	234.00	3.6	\$	800	\$	234	\$	1,034	\$	1,034
13	EH-1.9, Mfg&Model: Biko, FRA-4024F, 100 CFM, 208V, Phase 1, Control Integral thermostat, Mount: Wal	1	0%	1	EA	3.600	\$	800.00	\$	234.00	3.6	\$	800	\$	234	\$	1,034	\$	1,034
1	EH-1.10, Mfg&Model: Biko, FRA-4024F, 100 CFM, 208V, Phase 1, Control Integral thermostat, Mount: Wal	1	0%	1	EA	3.600	\$	800.00	\$	234.00	3.6	\$	800	\$	234	\$	1,034	\$	1,034
2	EH-1.11, Mfg&Model: Biko, FRA-4024F, 100 CFM, 208V, Phase 1, Control Integral thermostat, Mount: Wal	1	0%	1	EA	3.600	\$	800.00	\$	234.00	3.6	\$	800	\$	234	\$	1,034	\$	1,034
3	EH-1.12, Mfg&Model: Biko, FRA-4024F, 100 CFM, 208V, Phase 1, Control Integral thermostat, Mount: Wal	1	0%	1	EA	3.600	\$	800.00	\$	234.00	3.6	\$	800	\$	234	\$	1,034	\$	1,034
4	EH-1.13, Mfg&Model: Biko, FRA-4024F, 100 CFM, 208V, Phase 1, Control Integral thermostat, Mount: Wal	1	0%	1	EA	3.600	\$	800.00	\$	234.00	3.6	\$	800	\$	234	\$	1,034	\$	1,034
4	EH-1.14, Mfg&Model: Biko, FRA-4024F, 100 CFM, 208V, Phase 1, Control Integral thermostat, Mount: Wal	1	0%	1	EA	3.600	\$	800.00	\$	234.00	3.6	\$	800	\$	234	\$	1,034	\$	1,034
5	EH-1.15, Mfg&Model: Biko, FRA-1512F, 100 CFM, 120V, Phase 1, Control Integral thermostat, Mount: Wal	1	0%	1	EA	3.600	\$	800.00	\$	234.00	3.6	\$	800	\$	234	\$	1,034	\$	1,034
6	EH-1.16, Mfg&Model: Biko, HUHAA-320, 350 CFM, 208V, Phase 1, Control Integral thermostat, Mount: Wal	1	0%	1	EA	5.200	\$	1,190.00	\$	338.00	5.2	\$	1,190	\$	338	\$	1,528	\$	1,528
2	EH-2.1, Mfg&Model: Biko, HUHAA-320, 350 CFM, 208V, Phase 1, Control Integral thermostat, Mount: Wal	1	0%	1	EA	5.200	\$	1,190.00	\$	338.00	5.2	\$	1,190	\$	338	\$	1,528	\$	1,528
3	EH-2.2, Mfg&Model: Biko, HUHAA-520, 2100 CFM, 208V, Phase 3, Control Integral thermostat, Mount: Wal	1	0%	1	EA	11.000	\$	2,635.00	\$	735.00	11.0	\$	2,635	\$	735	\$	3,370	\$	3,370
4	EH-3.1, Mfg&Model: QMARK, MSPH138124, 400 CFM, 208V, Phase 1, Control Integral thermostat, Mount	1	0%	1	EA	5.500	\$	1,235.00	\$	357.50	5.5	\$	1,235	\$	358	\$	1,593	\$	1,593
5	EH-3.2, Mfg&Model: QMARK, MSPH138124, 400 CFM, 208V, Phase 1, Control Integral thermostat, Mount	1	0%	1	EA	5.500	\$	1,235.00	\$	357.50	5.5	\$	1,235	\$	358	\$	1,593	\$	1,593
6	EH-3.3, Mfg&Model: QMARK, MSPH138124, 400 CFM, 208V, Phase 1, Control Integral thermostat, Mount	1	0%	1	EA	5.500	\$	1,235.00	\$	357.50	5.5	\$	1,235	\$	358	\$	1,593	\$	1,593
<b>SELF CONTAINED HEATING/COOLING UNIT</b>																			
1	FTAC-A, Mfg&Model: Amara PTH-923C, 310CFM, 208V, Phase 1, MOCP 15, INSTALL WIRE FLOAT SWITCH	60	0%	60	EA	2.800	\$	656.00	\$	182.00	168.0	\$	39,360	\$	10,920	\$	838	\$	50,280
<b>SELF CONTAINED HEATING/COOLING UNIT</b>																			
1	SCU-A, Mfg&Model: First Co., EHE09204A, CFM 300, 1/4 HP, 208V, Phase 1, MOCP 25, Maintain Mfg's R	5	0%	5	EA	3.600	\$	800.00	\$	234.00	18.0	\$	4,000	\$	1,170	\$	1,034	\$	5,170
2	SCU-B, Mfg&Model: First Co., EHE12205A, CFM 400, 1/4 HP, 208V, Phase 1, MOCP 25, Maintain Mfg's R	50	0%	50	EA	4.000	\$	935.00	\$	260.00	200.0	\$	46,250	\$	13,000	\$	1,185	\$	59,250
3	SCU-C, Mfg&Model: First Co., EHE18210A, CFM 600, 1/2 HP, 208V, Phase 1, MOCP 40, Maintain Mfg's R	9	0%	9	EA	5.000	\$	1,160.00	\$	325.00	45.0	\$	10,440	\$	2,925	\$	1,485	\$	13,365
4	SCU-D, Mfg&Model: First Co., EHE24210A, CFM 800, 1/2 HP, 208V, Phase 1, MOCP 45, Maintain Mfg's R	10	0%	10	EA	6.300	\$	1,425.00	\$	408.50	63.0	\$	14,250	\$	4,095	\$	1,935	\$	18,345
5	SCU-E, Mfg&Model: First Co., EHE30210A, CFM 900, 1/2 HP, 208V, Phase 1, MOCP 50, Maintain Mfg's R	15	0%	15	EA	7.400	\$	1,666.00	\$	481.00	111.0	\$	24,990	\$	7,215	\$	2,147	\$	32,205
<b>HEAT PUMP</b>																			
1	HP-1, Mfg&Model: Bryant, 2255AN042, Normal Capacity 3.5 tons, 208V, Phase 1, MOCP 40, Include All	1	0%	1	EA	11.500	\$	2,680.00	\$	747.50	11.5	\$	2,680	\$	748	\$	3,428	\$	3,428
2	HP-2, Mfg&Model: Bryant, 2255AN030, Normal Capacity 2.5 tons, 208V, Phase 1, MOCP 30, Include All	1	0%	1	EA	8.400	\$	1,890.00	\$	546.00	8.4	\$	1,890	\$	546	\$	2,436	\$	2,436
3	HP-3, Mfg&Model: Bryant, 2255AN030, Normal Capacity 2.5 tons, 208V, Phase 1, MOCP 50, Include All	1	0%	1	EA	8.400	\$	1,890.00	\$	546.00	8.4	\$	1,890	\$	546	\$	2,436	\$	2,436
4	HP-4, Mfg&Model: Bryant, 2255AN018, Normal Capacity 1.5 tons, 208V, Phase 1, MOCP 30, Include All	1	0%	1	EA	5.500	\$	1,235.00	\$	357.50	5.5	\$	1,235	\$	358	\$	1,593	\$	1,593
5	HP-5, Mfg&Model: Bryant, 2255AN030, Normal Capacity 2.5 tons, 208V, Phase 1, MOCP 30, Include All	1	0%	1	EA	8.400	\$	1,890.00	\$	546.00	8.4	\$	1,890	\$	546	\$	2,436	\$	2,436
6	HP-6, Mfg&Model: Bryant, 2255AN018, Normal Capacity 1.5 tons, 208V, Phase 1, MOCP 20, Include All	1	0%	1	EA	5.500	\$	1,235.00	\$	357.50	5.5	\$	1,235	\$	358	\$	1,593	\$	1,593
<b>ENERGY RECOVERY VENTILATOR</b>																			
1	ERV-1, Mfg&Model: Renewaire HE071N, CFM 700, 208V, Phase 1, MOCP 15, Factory Mounted Controls, SH	1	0%	1	EA	7.500	\$	1,680.00	\$	487.50	7.5	\$	1,680	\$	488	\$	2,168	\$	2,168
<b>RADIANT PANEL</b>																			
1	RP-1, Mfg&Model: BERKO, CP751, 120V, Phase 1, Control Thermostat, Mount Surface, PANELS:SHALL BE 2	1	0%	1	EA	5.600	\$	1,275.00	\$	364.00	5.6	\$	1,275	\$	364	\$	1,639	\$	1,639
<b>SPLIT SYSTEM HEAT PUMP INDOOR/OUTDOOR UNIT</b>																			
1	SSU-1, Mfg&Model: Mitsubishi PKA-A18HA4, Type Wall, Normal Capacity 1.5 Tons, CFM 320, 208V, Ph	1	0%	1	EA	6.600	\$	1,485.00	\$	420.00	6.6	\$	1,485	\$	420	\$	1,914	\$	1,914
2	SSDU-1, Mfg&Model: Mitsubishi, PUZ-A18NH4A, Normal Capacity 1.5 tons, Refrigerant Type R-410A, 20	1	0%	1	EA	6.600	\$	1,485.00	\$	420.00	6.6	\$	1,485	\$	420	\$	1,914	\$	1,914
<b>GRAVITY VENTILATOR UNIT</b>																			
1	RV-1, Mfg&Model: Greenheck, FGR 40162, Type Retard, 14000 CFM, 24-inch high insulated roof curb with	1	0%	1	EA	90.000	\$	12,600.00	\$	3,250.00	50.0	\$	12,600	\$	3,250	\$	15,900	\$	15,900
2	VT-1, Mfg&Model: Bilco, ACDSH66144, Type Smoke EVAC, 24-inch high insulated roof curb with slope to	1	0%	1	EA	9.000	\$	2,000.00	\$	585.00	9.0	\$	2,000	\$	585	\$	2,585	\$	2,585
3	VT-2, Mfg&Model: Bilco, ACDSH772, Type Smoke EVAC, 24-inch high insulated roof curb with slope to m	1	0%	1	EA	9.000	\$	2,000.00	\$	585.00	9.0	\$	2,000	\$	585	\$	2,585	\$	2,585
4	VT-3, Mfg&Model: Bilco, ACDSH66144, Type Smoke EVAC, 24-inch high insulated roof curb with slope to	1	0%	1	EA	9.000	\$	2,000.00	\$	585.00	9.0	\$	2,000	\$	585	\$	2,585	\$	2,585
<b>METER</b>																			
1	House Meter	1	0%	1	EA	2.500	\$	595.00	\$	162.50	2.5	\$	595	\$	163	\$	758	\$	758
2	Retail Gas Meter	1	0%	1	EA	2.500	\$	520.00	\$	162.50	2.5	\$	520	\$	163	\$	683	\$	683
3	Theater Gas Meter	1	0%	1	EA	2.500	\$	520.00	\$	162.50	2.5	\$	520	\$	163	\$	683	\$	683
<b>MISC</b>																			
1	1/2" Wire Mesh Over Opening	5	0%	5	EA	0.500	\$	75.00	\$	32.50	2.5	\$	375	\$	163	\$	108	\$	538
2	8" Dia Aluminum Insect Wire Cap W/ Backdraft Damper & Bird Screen	1	0%	1	EA	0.960	\$	236.00	\$	61.25	1.9	\$	228	\$	214	\$	307	\$	307
3	Carbon Monoxide/NO2 Sensor, Mount On Column W/ Wire Gauds, Opera 6000 Series Detection System	48	0%	48	EA	1.500	\$	384.00	\$	97.50	72.0	\$	18,432	\$	4,680	\$	482	\$	23,112
4	Thermostat	3	0%	3	EA	0.500	\$	86.00	\$	32.50	1.5	\$	258	\$	98	\$	119	\$	356
5	4" Dia Cap	360	0%	360	EA	0.800	\$	75.00	\$	52.00	288.0	\$	27,000	\$	18,720	\$	127	\$	45,720
6	6" Dia Cap	29	0%	29	EA	0.950	\$	100.00	\$	61.75	27.6	\$	2,900	\$	1,791	\$	162	\$	4,691
7	Smartrent Compatible Thermostat	143	0%	143	EA	1.000	\$	146.00	\$	65.00	143.0	\$	20,878	\$	9,295	\$	211	\$	